

IT'S HAPPENING AT STATE

September 15, 1999
NDSU

State of the University Address emphasizes service and research

NDSU President Joseph A. Chapman presented four important campus themes during his State of the University Address Sept. 9. Chapman, who became NDSU's 13th president in June, outlined an institutional vision that includes a strong emphasis on service to students and an expansion of the school's research component, including a research and technology park. He also said the university will make significant progress in salaries for faculty and staff.

Noting the tremendous potential for NDSU, Chapman said it is time to move forward with a planned research and technology park that would be located on the north end of campus, west of the Fargodome. "Growth in academic research is important to North Dakota. It brings new wealth to the state's economy. In fact, NDSU contributes some \$425 million to state's economy each year," Chapman said. "We have strong support from the city, local economic development groups and a number of businesses. They see this addition to our campus as an important step in expanding our economy, harnessing the power of faculty scholarship to contribute in significant new ways to benefit the entire region."

Continuing on the research theme, Chapman urged the campus to work toward becoming a Carnegie Research II university, which is defined as 50 or more doctoral graduates and the generation of \$15.5 to \$40 million in competitive federal research grants each year.

"It is good for the opportunity it offers our faculty to enrich their careers. It is good for the students who benefit from exposure to leading technology at a critical point in their careers. It is good for North Dakota because it is new wealth that brings jobs and other economic growth. And it is good for society as we contribute in new ways to the body of knowledge," Chapman said.

To aid in the development of more NDSU research activities, Chapman announced the creation of a vice president for research, creative activities and technology transfer. A search to fill this position, which was created by combining existing positions, will begin this month. "With this added infrastructure, our faculty will have a powerful resource to build on their creative work and help market their intellectual property," he said.

Chapman said the student experience continues at the core of NDSU's mission and he urged an increased focus on programs of national and international scope. "We are about learning and personal growth," he said. "We encourage a campus community where students, faculty and staff are immersed in a continual learning experience and where there is satisfaction gained from intellectual and personal growth. We are a community where students leave NDSU with the necessary knowledge and skills for meaningful careers and a hunger to continue to learn throughout life."

On issues of service to students, Chapman said library resources need to be increased. He also said an executive Master of Business Administration program is being discussed, the Colleges of Agriculture and Human Development and Education are strengthening the food science program and doctoral programs in communication and experimental psychology are being explored.

New employee orientation date set

New employees are invited to attend an orientation session from 8:15 a.m. to noon Wednesday, Sept. 22, in the Memorial Union Prairie Rose Room. The session has been organized by the Office of Human Resources. Employees who have not attended a new staff orientation are welcome to attend. To RSVP or request accommodations related to disability, contact Marlys Knight at 1-8525.

Varsity Mart plans computer fair

The 14th annual Computer Fair is scheduled for 8 a.m.-4 p.m. Thursday, Sept. 16, in the Memorial Union Alumni Lounge.

Vendors will include Apple, Dell, DakTech, Quannon and Northland Educators. For more information, contact Brad Sonmor at 1-8013.

Varsity Mart to hold garage sale

The Varsity Mart is planning a garage sale from 9 a.m.-4 p.m. Tuesday and Wednesday, Sept. 21 and 22. The garage is located on the southwest corner of the Memorial Union. There will be bargains from every department.

Next Issue

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To attract and assist students, NDSU has moved a full-time admissions counselor to the Twin Cities and a marketing effort is underway in Denver, Seattle and Wisconsin, areas where NDSU has a strong alumni presence. "Every person on this campus has an important role in student recruitment," Chapman said. "We are all ambassadors for NDSU."

On salaries, Chapman said NDSU faculty average about 59 hours of work each week contributing to student learning and society. "This productivity needs to be matched by an institutional commitment to making compensation the overriding issue before us," he said. "We made some modest progress during the last legislative session. Now, let's assume campus responsibility to build on that progress."

He said NDSU will enhance equity and merit, continue to shift faculty from 12-month to nine-month contracts to expand summer research opportunities and internal funding will be reallocated to achieve at least 3 percent salary increases next year. He also invited faculty to submit proposals for professional development grants of up to \$1,000 to be used for travel to professional conferences or software for professional use.

Chapman encouraged faculty and staff to become active participants in an "engaged university." The model was offered in February by the Kellogg Commission on the Future of State and Land-Grant Universities, which suggests teaching, research and extension become even more integrated with the greater community in a two-way exchange of information.

Chapman said these initiatives and others will prepare NDSU for success for years to come. "As stewards of NDSU, we recognize this as an institution with so much history and so much future," he said. "We are the stewards of the present and we pledge to build for that future."

The full text of Chapman's address can be found on the NDSU Web page at www.ndsu.nodak.edu/ndsu/administration/president/chapman/.

Chapman listed on anti-binge drinking national ad

President Joseph Chapman has joined more than 100 college and university presidents in a national advertising campaign drawing attention to the dangers of binge drinking.

The advertisement, which appeared in daily newspapers including the USA Today and New York Times, is sponsored by the National Association of State Universities and Land-Grant Colleges and the Kellogg Commission on the Future of State and Land-Grant Universities.

The ad, which lists the names of 113 presidents, explains that excessive alcohol consumption plays a major role in poor academic performance, college drop-out rates and student health problems. It urges parents to talk to their kids about binge drinking or visit the association's Web site at www.nasulgc.org/bingedrink.

Carnegie Classifications defined

The 1994 Carnegie Classification includes all American colleges and universities that grant degrees and are accredited by an agency recognized by the U.S. Secretary of Education. The categories, which include institutions offering a full range of programs from baccalaureate to graduate level, include the following:

Research University I gives high priority to research. It awards 50 or more doctorates each year and receives \$40 million or more in annual federal support.

Research University II gives high priority to research. It awards 50 or more doctorates annually and receives between \$15.5 million and \$40 million in federal support each year.

Doctoral University I awards at least 40 doctorates annually in five or more disciplines.

Doctoral University II annually awards at least 10 doctorates in three or more disciplines or 20 or more doctoral degrees in one or more discipline.

A **Master's I** school awards 40 or more master's degrees annually in three or more disciplines, while a **Master's II** institution awards 20 or more master's degrees annually in one or more disciplines.

A **Baccalaureate I** college awards 40 percent or more of its baccalaureate degrees in liberal arts fields and is restrictive in admissions. A **Baccalaureate II** college awards less than 40 percent of its baccalaureate degrees in liberal arts fields or is less restrictive in admissions.

Trial databases available at Library

NDSU Libraries has arranged for a 60-day campus trial of EBSCOhost. Three databases are included in the trial:

- **Academic Search Elite:** a multi-discipline database providing full text for more than 1,230 journals covering the social sciences, humanities, general science, multi-cultural studies, education, etc.
- **Business Source Premier:** a business database providing full text for more than 1,320 scholarly business journals covering management, economics, finance, accounting, international business, etc.
- **Ei Compendex:** an engineering database providing indexing for more than three million journal articles, technical reports, conference papers and proceedings in the areas of applied engineering, manufacturing, quality control, engineering management, etc.

Any campus computer may access the databases at <http://search.epnet.com/> or through a link in the "What's New" section of the Libraries web page. Off-campus users of EBSCOhost must contact their appropriate subject librarian for a special user ID and password. For more information, call the Reference Desk at 1-8886 or contact your subject librarian.

NDSU researchers aid in anti-submarine efforts

You'd hardly expect someone in landlocked North Dakota to be helping the Navy look for enemy submarines, but that's exactly what researchers at North Dakota State University are doing.

Through a \$108,500 Department of Defense research grant, Richard Hammond, professor and chair of physics, and Charles Sawicki, associate professor of physics, are using their expertise in magnetometers and the ionosphere to help the Navy better detect submarines that may pose a threat to American military personnel or the nation.

Navy surveillance planes utilize highly sensitive equipment which uses a method called "magnetic anomaly detection." The earth's magnetic field permeates the oceans and when a submarine is present, it slightly changes or deflects the magnetic field. The submarines' electronics and equipment also make their own magnetic fields and the Navy can detect underwater vessels by using this system.

"Submarines are very hard to find and this is a major method the Navy uses. But nothing's perfect," said Hammond. "One of its problems is the earth's magnetic field is not exactly constant—it fluctuates. These changes are called 'noise' and can upset the whole scheme. One of the major contributors to noise is the ionosphere which can carry electrical currents that make magnetic fields. The ionosphere is a very dynamic thing that not only changes day to day, but also from north to south."

"You can imagine these Navy P-3s flying over the ocean looking for enemy subs and all of a sudden the equipment says there's something there. Is that a submarine or noise from the ionosphere?"

That's where the NDSU research comes in. Hammond, Sawicki and Linda Winkler, assistant professor of physics at Moorhead State University, are working to detect tiny magnetic field changes, study the effect of the ionosphere and explore how it carries electronic currents. The funding will be used to purchase magnetometers and Global Positioning System equipment, which should be in place by the end of the semester.

"We are going to take signals from the GPS and at the same time measure magnetic field fluctuations. Our basic idea is to correlate the two and measure the magnetic noise," Hammond said. "Our goal is to develop a system of detecting magnetic noise and filtering it out. The Navy is very interested in this type of data."

Surprisingly, North Dakota's middle-of-the-continent location makes the perfect setting for their work. "North Dakota is good for this research because there are lots of open spaces. It's like the oceans in some ways because if you get out in a field far enough, you get away from the motors, cars and buildings that generate magnetic fields," said Sawicki. "It gives us a better chance to measure what we are looking for."

There are only a few stations that study the ionosphere, including sites in Colorado, Alaska and Canada. The researchers are hopeful NDSU can become one of the world-wide leaders in measuring the ionosphere's magnetic variances.

The researchers see their efforts as significant for national defense, and with that comes satisfaction that the work will make a difference. "This detection scheme may help suppress another threat to our country. If you have a way to detect submarines, it can even discourage an enemy from putting them out there. These subs can launch nuclear missiles so it is not an unimportant thing to discourage," said Sawicki.

Hammond said, "If through our physics research we can save people, that's just fantastic. It takes years of dedicated research to make a contribution, but when you make that contribution, you feel great about it."

In addition to its military uses, the research may eventually be used for other applications, including oil exploration and storm prediction.

CourseInfo 3.0 now available

CourseInfo is a Web-based tool suite to build and manage course materials, virtual courses and classrooms. Faculty can use the graphical, point-and-click interface to incorporate learning materials from word processing, audio and video, spreadsheets and presentation files.

CourseInfo 3.0 features include:

- Enhanced assessment tools and capabilities
- Course announcements
- Database reporting
- Threaded discussion
- Online gradebook
- Real-time chat and whiteboard
- Student tracking
- Course study groups
- Content creation and distribution
- Online file exchange
- Content reordering and searching
- Course and institutional calendar

NDSU has purchased a one-year renewable license of CourseInfo. Valley City State and UND Medical School also have purchased CourseInfo licenses. ITS completed installation of the CourseInfo software at NDSU Sept. 10.

Faculty and staff are invited to attend a CourseInfo demonstration from noon-1 p.m. Tuesday, Sept. 21, or from 2-3 p.m. Wednesday, Sept. 22. Both demonstrations will be held in IACC 204.

Faculty interested in using the CourseInfo system can find more information at www.ndsu.nodak.edu/its/facultyserve/cait.shtml, or by contacting Elizabeth Smith, CAIT instructional designer at 1-6283 or by e-mail at elsmith@badlands.nodak.edu.

Golden Key chapter wins international award

The NDSU chapter of Golden Key National Honor Society received the Honorable Mention Key Chapter Award at the 1999 international convention in Orlando, Fla. Lisa Nolan, associate professor of veterinary and microbiological sciences, is the chapter's adviser.

The award honors chapters that have excelled in the areas of communication, publicity, meeting management, chapter activities and leadership, as well as participation in regional and international programs.

Golden Key is a non-profit, international academic honors organization which provides academic recognition, leadership opportunities, community service, career networking and scholarship. Only the top 15 percent of juniors and seniors are invited to become members of the society, which has 285 chapters in the United States, Puerto Rico, Virgin Islands, Australia, Canada, Malaysia and New Zealand.

Faculty invited to explore new ways of teaching with technology

The NDSU Center for Academic Information Technology (CAIT) bridges learning and technology by promoting the innovative use of learning technologies and supports faculty who are developing technology-enhanced teaching and learning projects. CAIT staff can assist with:

- Analysis and selection of appropriate technologies for enhancing teaching and learning
- Defining goals and objectives of courses or projects
- Designing and developing traditional and online teaching and learning environments
- Project management: planning, designing, producing, implementing and evaluating technology-enhanced projects
- Consultations, presentations and training of instructional and multimedia design and development
- CourseInfo training for NDSU faculty groups, departments and colleges
- Design and layout of graphical interfaces (GUI)
- Design and development of network and database learning applications
- Development of interactive, multi-user learning environments via Internet or LAN
- Support for HTML, JavaScript, JAVA (client and server side), Macromedia Director and Oracle databases
- Development of information systems delivered via WWW, floppy disk, CD-ROM and LAN

For more information on CAIT services, contact Elizabeth Smith, CAIT instructional designer at 1-6283 or by e-mail at elsmith@badlands.nodak.edu.

People

Morton steps down as assistant to president



Morton

Don Morton, assistant to the president and director of university relations, has accepted a position at Fargo's Great Plains. He will work closely with CEO Doug Burgum and senior Great Plains executives in much the same way as he served NDSU presidents since being appointed by NDSU President Tom Plough in January 1998.

At Great Plains, Morton will work to improve teamwork and effectiveness of the executive team, deliver internal and Partner consulting on leadership and team development and represent Great Plains and Burgum in community, university and government relations.

Morton has held positions at several universities, including serving as head football coach at NDSU (1979-85), the University of Tulsa (1985-86) and the University of Wisconsin (1987-90). He began his new duties at Great Plains Sept. 13.

Professor emeritus assists farm evaluation team

Dexter W. Johnson, professor emeritus of agricultural engineering, recently participated in a six-member preservation advisory services team organized by the National Trust for Historic Preservation's office in Chicago. The team evaluated and developed a comprehensive plan for maintaining the integrity and viability of the classic farm buildings of the Amana Society Inc., Amana, Iowa.

During the one-week on-site visit, about 60 historic farm buildings at seven sites were evaluated by team members. Their assessments included original structural condition, location factors, alternative uses, historic significance and renovation cost estimates.

The seven Amana colonies were established in the 1850s and developed as a communal society until 1932, when members elected to privatize and distribute their holdings. The farm operation is now Iowa's largest with more than 26,000 acres and a 2,000-head beef cow herd and finishing feedyards. In recent years, about 45 percent of the colonies' historic farm buildings have been demolished due to wear and increasing upkeep.

The team's recommendations were presented to the Amana Society Inc., Amana Colonies Land Use District, Amana Heritage Museum, Amana Colony Heritage Sites Foundation and Amana Colonies Convention and Visitors Bureau.

French scientific attaché to visit campus

Bernard Charpentier, scientific attaché to the Consulate General of France in Chicago, will visit campus Thursday, Sept. 16. Charpentier, who is an agronomist, facilitates scientific partnerships, joint research projects and student exchanges between American and French or European educational and research institutions.

He will focus on education and research programs, technology transfer and biotechnology in agriculture. His visit will include a lunch hosted by Patricia Jensen, vice president, dean, and director of agricultural affairs. Charpentier will be accompanied by his assistant, Thomas Hazouard, an agricultural engineer.

For more information contact Virginia Packwood, director of international programs, at 1-7895.

Alumni take top scores in state CPA exam

Two recent NDSU graduates received two of the top three scores in the North Dakota Society of Certified Public Accountants' May examination.

Scott W. Paintner, BS '99, received the second highest score. The Carrington native is an auditor for McGladry and Pullen, LLP, Minneapolis. Eric Spilde, BS '98, had the third highest score. A native of Kennedy, Minn., Spilde is a cost analyst for Case Corp., Fargo.

Charles Harter, associate professor and accounting coordinator, said the scores are a positive reflection on the students and the department. "We are very proud of the students who were at the top this past exam," he said. "This is not the first time this has happened. We've had top students for quite some time. Overall, our program is as good or better than others in the region and the CPA exam scores reflect that."

Other NDSU alumni passing the May exam were Todd Donald Glarum, BS '98, Brian Keith Jacobson, BS '96, Stephen Allen Sletmoe, BS '95, and Bradley Dayton Simek, BS '98, who passed in one sitting.

Strandness publishes book

Jean Strandness, Tri-College provost and NDSU associate professor of English, is co-editor of "Best Practices in Higher Education Consortia: How Institutions Can Work Together." The book was published recently by Jossey-Bass Publishers in its New Directions for Higher Education series. Strandness authored the chapter on cross registration and joint academic programs.

The book provides accounts of activities and programs that existing consortia have already refined, providing practical models that can be replicated or modified by other institutions. Drawing from first-hand experience, the authors describe how to start and maintain a consortium, and they share the benefits and lessons learned from consortial collaborations in areas such as library cooperation, cross-registration, the use of technology, the joint purchasing of goods and services, admissions and recruitment practices and faculty development.

Kloberdanz speaks at iron cross dedication

Timothy J. Kloberdanz, associate professor of sociology and anthropology, recently spoke at the dedication of a new millennium iron cross monument in Strasburg, N.D.

Approximately 250 people were on hand for the blessing of the 18-foot cross following Kloberdanz's public address. The presentation was co-sponsored by the Strasburg chapter of the Germans from Russia Heritage Society and the North Dakota Humanities Council.

The new monument was inspired by the many hand-crafted iron grave crosses made by German-Russian blacksmiths in the early part of this century. Strasburg is home to some of the oldest and most numerous iron crosses in the state.

Kloberdanz has studied the iron cross tradition for nearly 30 years. His research on the subject has taken him to locations across the Great Plains and to Mexico, Germany, Austria, Russia and other foreign countries.

He noted in his speech that the tradition is still alive today. "There are talented individuals still making iron crosses," he said. "Interest in this distinctive form of folk art continues to grow. Iron crosses are not relics of the past. They are not history. They are among a number of German-Russian traditions that are still very much alive."

Kloberdanz was surprised to meet the granddaughter of Michael and Louisa Feist, the pioneer couple who lost seven children during the diphtheria epidemic of 1898. Seven identical iron crosses mark the children's prairie gravesite.

"The entire afternoon in Strasburg was uplifting," Kloberdanz said, "but that chance encounter made it all the more memorable."

NDSU student appointed to State Board of Higher Education

Ryan Bernstein has been appointed as the student member on the State Board of Higher Education. He is an NDSU senior studying agricultural economics and is a native of Souris, N.D. Bernstein will serve a one-year term on the board, which is the policy making group for all institutions within the North Dakota University System.

He is a member of FarmHouse Fraternity, North Dakota Student Association, Blue Key Honor Society and the Agribusiness Club.

Rao presented recognition award

M.B. Rao, professor of statistics, recently received the Chapter Service Recognition Award from the Council of Chapters of the American Statistical Association. The award was presented at the 1999 Annual Joint Statistical Meetings held at Baltimore in August. Rao received the honor for his contributions to the Red River Valley Chapter and his promotion of statistics.

Lang among finalists for NCAA Woman of the Year

Theresa Lang was recently named one of the 10 finalists for the 1999 NCAA Woman of the Year award. The award recognizes young women in intercollegiate athletics for their achievements in athletics, academics and community leadership.

She is the all-time Bison women's basketball leader in three-point field goals and three-point field goal percentage. Lang, who graduated in May, is an NCAA \$5,000 Postgraduate Scholarship recipient.

The finalists were selected by a committee made up of athletic administrators from NCAA member colleges and universities. The winner will be honored at an awards dinner in Indianapolis in October.

Events

State employee recognition week set for Sept. 19-25

A "Family Fun Night Picnic" and a golf tournament are the highlights of State Employee Recognition Week Sept. 19-25.

The picnic will be held 4:30-7:30 p.m. Tuesday, Sept. 21, at Playmaker's Pavilion. The event will feature drawings, games, music and food. Tickets are \$5 for families and \$3 for individuals. For more information contact Sharon Morgan at 1-7739.

The third annual golf scramble is scheduled for 1 p.m. Sunday, Sept. 19, at Prairiewood Golf Course. Cost is \$10 for nine holes.

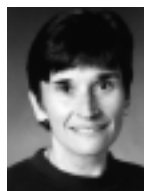
Other events during the week include "Years of Service Day," Monday, Sept. 20; "Hat and Tie Day," Wednesday, Sept. 22; and "Color Day," Friday, Sept. 24, when employees are urged to wear red for one-10 years of service, white for 11-19 years and blue for 20 more years.

Peter Mayer to perform in Gallery

Minnesota singer and songwriter Peter Mayer is scheduled to give a concert at 7 p.m. Friday, Sept. 17, in the Memorial Union Gallery. The performance will feature music from his latest CD, "Million Year Mind."

Mayer's CDs and cassettes will be available for purchase at the concert. Tickets are \$5 if purchased in advance at the Memorial Union Information Desk, or \$6 at the door. For more information contact the Gallery at 1-8239.

O'Regan to lead Women's Studies Symposia



O'Regan

Valerie O'Regan, assistant professor of political science, will lead this year's Women's Studies Symposia featuring NDSU women faculty, research and scholarship. O'Regan will present the first of six symposia this year. Her presentation, "The Gender Effect: Female Policymakers' Influence on Policymaking," is scheduled for 3:30 p.m. Thursday, Sept. 23, in Loftsgard 380.

O'Regan's talk addresses the primary question of whether female policymakers are associated with the advancement of "women's issues" in the policy realm. She believes that although women have become more politically educated and active over the years, the election of 1992 will go down in United States history as the first "Year of the Woman." A record number of female candidates sought national and state offices, resulting in the number of women in the House of Representatives rising from 29 to 47, female Senators went from two to six and female members in state legislatures increased to 20 percent of all seats.

Research on the effects of women's increased political representation on policy outcomes has produced limited and often contradictory results. O'Regan's research examines the link between female representation and democracy by considering the relationships between female policymakers and policy outcomes across 22 countries over a 35-year time period.

O'Regan received her doctorate in political science from the University of California, Riverside. Her research interests are women and politics and comparative politics. She is the author of the forthcoming book "Gender Matters: Female Policymakers' Influence in the Industrialized Nation." Her present research projects include a study of how critical level theory applies to the examination of female policymakers and an analysis of voting decisions based on the gender of candidates.

Women's Studies Symposia are open to the public. For more information on the presentation, contact O'Regan at 1-7515. Anyone needing special assistance at the event should contact Kathleen Slobin, director of women's studies, at 1-8939 before the date of the symposium.

Brown Bag seminar features 'financial wellness'

As part of the YMCA of NDSU's Brown Bag Seminar series, Carey Fry, Village Family Service Center financial education coordinator, will present "College Financial Wellness" noon-1 p.m. Wednesday, Sept. 22, in the Memorial Union Peace Garden Room.

Fry will discuss how college-years finances often have a lasting effect on a person's life. Tips will be offered about getting through college on a shoestring budget and choices about the amount of debt being accrued.

For more information, contact the YMCA of NDSU at 235-8772.

Architecture/landscape architecture to host conference

The NDSU Department of Architecture and Landscape Architecture will host the 1999 Association of Collegiate Schools of Architecture West Central Regional Conference Sept. 24-26. The theme for the conference is "In Your Backyard." Thirty-four presenters from all regions of the country will deliver papers about opportunities that lie in our own history, culture and academic institutions.

Keynote addresses are scheduled as follows:

Friday, Sept. 24

Douglas Cardinal, a Native North American architect from Ottawa, Ontario, Canada, "Vision Session – The Process of Design," co-sponsored by AIA North Dakota, 8 p.m. at the Fargo Theater

Saturday, Sept. 25

Richard Bresnahan, director of the St. John's Pottery Program in Collegeville, Minn., "An Ancient Fire to a Humane Future," co-sponsored by the NDSU Institute for Regional Studies, 1:30 p.m. at the NDSU Alumni Center

Saturday, Sept. 25

Rev. William Sherman, a local expert on Germans from Russia, "Russia on the Prairies: 200 Years of Living in the Land," co-sponsored by the NDSU Institute for Regional Studies; 8 p.m. at The Conservatory, Fargo

Sunday, Sept. 26

Steve Badanes, professor at the University of Washington and co-founder of the Jersey Devil Design Build Firm, "The Devil's Workshop: 25 Years of the Work of the Jersey Devil," 8:30 a.m. at the Memorial Union Ballroom

The presentations are free and open to the public. For more information and registration forms, visit the conference Web site at www.ndsu.nodak.edu/arch/backyard.html or contact Carol Prafcke at 1-7809 or by e-mail at prafcke@plains.nodak.edu. Reduced registration fees will be offered to NDSU faculty and staff. Contact Margaret Hildebrandt at 1-6151 or by e-mail at Margaret_Hildebrandt@ndsu.nodak.edu.

Volunteer network plans recruiting fair

The Volunteer Network at NDSU is planning the "Volunteer Extravaganza 1999" for 10:30 a.m.-2:30 p.m. Wednesday, Sept. 22, on the Memorial Union concourse. The theme of the event is "The Road to Helping Others." The event is designed to get faculty, staff and students involved with volunteer projects in the community.

For more information contact Robb Thibault at 1-1055.

Study abroad information fair planned

The Office of International Programs will host a study abroad information fair from 10 a.m.-4 p.m. Wednesday, Sept. 15 in the Memorial Union Meadowlark Room. Staff, students and faculty from all disciplines are invited to attend to find out more information about study abroad opportunities at NDSU.

Hourly sessions will concentrate on NDSU exchange programs to Sweden, Netherlands, Germany, Mexico and France and also provide information for student opportunities to study at more than 100 international schools through the International Student Exchange Program while paying tuition and fees at NDSU.

Current international exchange students and former study abroad students will answer questions and share their experiences. The specific subject times are:

- 10 a.m. General Session/NDSU Exchanges
- 11 a.m. Study abroad in English
- noon Study abroad in French
- 1 p.m. Study abroad in German
- 2 p.m. Study abroad in Spanish
- 3 p.m. General Study Abroad Info/NDSU Exchanges

This spring and summer, more than 45 students earned credit on an NDSU exchange program. Applications for students going on an exchange spring semester are due by Sept. 24.

For more information contact the Office of International Programs at 1-7895.

NDSU Women's Club announces fall meeting speaker, scholarships

Paula Ekman, Mrs. North Dakota International 1998, will be the guest speaker at the fall meeting of the NDSU Women's Club Monday, Sept. 20. The talk, "Character Counts," is free and open to the public.

The organization also announced Kelley Ryan Flynn and Michelle Wiest were chosen from 18 applicants to received the 1999-2000 scholarships. The scholarships are \$500 each.

Change announced for orientation 2000

Project Success announced a change in the new student orientation dates for summer 2000. Only one transfer/non-traditional student session will be offered in 2000. Questions about summer orientation may be directed to Project Success at 1-8379.

Transfer/Non-traditional Students (one day session)
Tuesday, June 27

Freshman/Family (two day sessions)

- Session I June 28-29
- Session II June 29-30
- Session III July 10-11
- Session IV July 11-12
- Session V July 12-13
- Session VI July 13-14

Ruley, Mogck to deliver keynote address at NDSU Publications Workshop Oct. 5

Amy Ruley, head women's basketball coach, and Dana Mogck, sports director at WDAY-TV, are scheduled to deliver the keynote address at the 31st annual NDSU Publications Workshop on Tuesday, Oct. 5. They will give their talk, "Sports Reporting From Both Sides of the Microphone," at 11:05 a.m. in the Century Theater.

The workshop, scheduled from 8:15 a.m. to 2:45 p.m. in the Memorial Union, is directed at junior and senior high school newspaper and yearbook staffs and journalism students from eastern North Dakota and western Minnesota.

Communication professionals and Jostens representatives will conduct sessions on media issues and yearbook production. Some 300 students and their advisers are expected to attend the workshop, sponsored cooperatively by Jostens and NDSU through the Office of University Relations, Board of Student Publications and the Cooperative Sponsorship Committee.



Ruley

Ruley ranks in the top five among active Division II coaches in most wins and winning percentage. During her 20-year career, the Bison have won five national titles and posted a 484-122 record. In 1995, NDSU became the first team in Division II women's basketball history to go undefeated at 32-0. Ruley was a point guard at Purdue University, where she earned her bachelor's degree in physical education in 1978. She earned her master's degree in science and physical education from Western Illinois University in 1979.



Mogck

Mogck has been with WDAY since 1983, when he was hired as a sports reporter and weekend sports anchor. Since then, he and the WDAY sports team have won several awards for sports reporting and production. In March of 1996, he was promoted to sports director. Mogck was a four-year starter on the baseball team at Moorhead State University and was named most valuable player his freshman and senior seasons. He graduated from MSU in 1983 with a bachelor's degree in mass communications.

Media sessions and presenters include: "Beginnings: How to Snag Your Reader with a Compelling Lead," Ross Collins, associate professor of communication; "How to Make Ordinary Pictures Extraordinary," Nick Carlson, photographer at The Forum; "When the Mass Media Aren't for the Masses: Targeting Your Writing for the Audience," Becky Koch, information specialist in Agriculture Communication; "Untangling the Web: All the News Without the Paper," Rob Larson, design supervisor, and Ludvik Herrera, digital production designer, both in Publications Services; and "A Look Behind the Pages," Amy Dobler, editor, and the staff of The Spectrum. In addition, members of Bison Ambassadors will provide juniors and seniors tours of the campus.

Andy and Lorinda Hedstrom, Jostens representatives, will lead sessions on yearbook production that focus on page design, themes, layout, trends and book sales.

NDSU students, staff and faculty are welcome to attend the keynote address and media sessions. For more information, contact Martin Fredricks, workshop coordinator, at 1-8769.

Transportation institute to hold awards banquet

The Upper Great Plains Transportation Institute will hold its annual awards banquet 6:30 p.m. Thursday, Oct. 14, at the Fargo Holiday Inn. The keynote speaker will be Dan Mack, Cenex Harvest States Grain Marketing Division.

This year's recipient of the John Agrey Award for outstanding individual contributions in the promotion of North Dakota transportation will be Robert E. Bradley, Bismarck. A long-time employee of the North Dakota Highway Department, Bradley was head of the design division from 1946-57 and chief engineer from 1957-82.

The institute will award four undergraduate scholarships, which include a \$1,500 stipend for the academic year. The Paul E. R. Abrahamson scholarships will go to Darin Anderson, son of Bruce and Kathy Anderson, Valley City, and Lenita Rime, daughter of Larry and Constance Rime, Garrison. Transportation Engineering scholarships will be awarded to Bradley Krogstad, son of Duane and Sheila Krogstad, Bismarck, and Joshua Beringer, son of John and Karen Beringer, Ellendale. Funding for the scholarships is provided by the Mountain-Plains Consortium through a grant from the U.S. Department of Transportation University Transportation Centers program.

Shorts and Reminders

Open positions

Positions open and their closing dates through the Office of Human Resources, Room 205, Old Main:

Administrative Secretary/#1764 & #1956
8:30 a.m.-4:30 p.m. (35 hrs/week)
Sioux County Extension, Fort Yates, N.D.
\$7.46 minimum/hour
Sept. 17

Psychology Secretary
Psychology
\$7.45/hr (10 month position; 50%; 8 a.m.-noon)
Sept. 15

Secretary/Receptionist/#4884
Computer Science
\$8.50 minimum/hour (20 hours/week)
Sept. 30

Administrative Secretary/#4755
Center for Science and Mathematics Education
\$9.25 minimum/hour (20 hours/week; to be arranged)
Sept. 17

Reservations and Event Services Coordinator/#0776
Memorial Union
\$19,000+/year
Sept. 20

Cook/#1085
Dining Services - Memorial Union Dining Center
\$7.46/hour (12 month position; 6 a.m.-2:30 p.m.; M-F with a weekend rotation; summer hours as available)
Sept. 22

Custodian/#1238
Residence Life
\$7.36/hour
Sept. 15

Equipment Operator/#0642
Physical Plant
\$19,760 minimum/year
Sept. 17

Public Information Specialist/#4519
North Dakota Agricultural Statistics Service
\$20,000 minimum/year
Sept. 23

Per diem Medical Laboratory Technician/Medical
Technologist
Student Health Services
\$11.00/hour minimum (per diem status; M-F; flexible week
day schedule)
Sept. 22

Assistant Director for Student Employment and
Services/#3619
Memorial Union
\$20,000+/year
Sept. 28

Head of Technical Services/#0518
NDSU Libraries
\$32,652+/year
Oct. 3

Position openings also are available through the NDSU Web
site at www.nodak.edu/human-resources/.

Union Food Court Specials Sept. 16-Sept. 22

The Corner Deli

Thursday: ham
Friday: chicken salad sandwich
Monday: chicken
Tuesday: roast beef
Wednesday: pastrami

More Than a Burger

Thursday: cheeseburger
Friday: fish sandwich
Monday: cheeseburger
Tuesday: mushroom Swiss burger
Wednesday: broiled chicken

A La Carte

Thursday: hand-carved turkey
Friday: barbecued ribs
Monday: barbecued beef on a bun
Tuesday: hand-carved roast pork
Wednesday: stir fry chicken

Soup of the Day

Thursday: baked potato
Friday: vegetable
Monday: chili beef
Tuesday: vegetable beef
Wednesday: Oriental vegetable

*Items are subject to change without notice.

Call the Dining Services Lunch Line at 1-9501 to check out
Union Food Court specials.

Calendar

September

15 Math/Physics— MATHEMATICA seminar, 3 p.m.,
Civil and Industrial Engineering 205; for information call
1-8977

17 Peter Mayer concert, 7 p.m., Memorial Union
Gallery; tickets available at the Memorial Union information
desk

17 Psychology—Verlin B. Hinsz, "Does Women's Hair
Signal Reproductive Potential?" 3:30 p.m., Minard 209

17 Animal and range sciences—graduate seminar, Chad
Prosser, USDA-ARS program director, Sidney, Mont., "The
Ecological Area-Wide Management Program for Leafy
Spurge," 3:30 p.m., Hultz 104

17-18 State of the Faculty Conference sponsored by the
Council of College Faculties and the North Dakota
University System, Memorial Union; registration beings at
noon on the 17th

22 Math/Physics— MATHEMATICA seminar, 3 p.m.,
Civil and Industrial Engineering 205; for information call
1-8977

22 Cereal Science-Food and Nutrition—John McRorie,
senior scientist, personal health care division, Procter &
Gamble, "Effects of Olestra Dietary Fiber on Lower
Gastrointestinal Function," 3:30 p.m., Burgum FLC 413b

22 Chemistry—Broberg Lecture by Daryle H. Busch,
the Roy A. Roberts distinguished professor of chemistry at
the University of Kansas and president-elect of the American
Chemical Society, "A Journey in the Microcosm with a
Molecular Organization Man," 8 p.m., Beckwith Recital Hall

22 Communiversity—Ronald Ramsay, "Wright's
Women," 2 p.m., Riverview Place; the lecture will discuss the
life of Frank Lloyd Wright

24 Robert Jones, assistant professor of music, faculty
recital, 8 p.m., Beckwith Recital Hall

24 Psychology—Kevin Thompson, "Sexual Violence
and Weight Control Techniques Among Adolescent Girls,"
3:30 p.m., Minard 209

24 History—Ineke Justitz "Reordering Reality:
Claiming Public and Sacred Space in Sixteenth-Century
Naumburg," 3 p.m., Minard 407

27-Oct. 6 Exhibit of American Institute of Architects,
North Dakota chapter, Memorial Union Gallery; for more
information call 1-7900

29 Math/Physics— MATHEMATICA seminar, 3 p.m.,
Civil and Industrial Engineering 205; for information call
1-8977

30 Chemistry—Patrick Dussault, University of Nebraska, will present a seminar at 3:45 p.m. in Dunbar 152

October

Through Oct. 6 exhibit of American Institute of Architects, North Dakota chapter, Memorial Union Gallery

1 Psychology—Jeff Holm, University of North Dakota, will present a lecture at 3:30 p.m. in Minard 209

4 Chemistry—Shuji Kanemasa, Kyushu University, will present a seminar at 3:45 p.m. in Dunbar 152

6 Math/Physics— MATHEMATICA seminar, 3 p.m. Civil and Industrial Engineering 205; for information call 1-8977

8 Opening of "Walter Piehl: Sweethearts, Roping Fools and Cowgirl Suite" exhibit at the Memorial Union Gallery. Artist on-site painting Oct. 7 and 8, reception 4-6 p.m., Oct. 8. Exhibit runs through Nov. 10. For information call 1-8239

8 Blue Key Homecoming show, 7:30 p.m., Festival Concert Hall

8 Psychology—Lisa Stewart, Moorhead State University, "Effects of Reintegrating Students with Mild Disabilities into General Education Classrooms," 3:30 p.m., Minard 209

8-9 Little Country Theatre presents "It Is So, If You Think So," 8 p.m., Askanase Auditorium

9 Homecoming, Gallery hours 10 a.m.-2 p.m.

13 Math/Physics— MATHEMATICA seminar, 3 p.m., Civil and Industrial Engineering 205; for information call 1-8977

14 Fall choral concert, 8 p.m., Festival Concert Hall

14-16 Little Country Theatre presents "It Is So, If You Think So," 8 p.m., Askanase Auditorium

15 Psychology—Mike Antoni, University of Miami, "The Effects of Group-based Stress Management on Distress, Endocrine and Immune Functioning in HIV-infected Persons," 3:30 p.m., Minard 209

18 High School Choral Festival concert, 7 p.m., Festival Concert Hall

22 Family Weekend, Gallery hours 9:30 a.m.-6 p.m.

22 Jazz Ensemble concert, 8 p.m., Festival Concert Hall

22 Psychology—John Northup, Louisiana State University, "The Effects of Methylphenidate (Ritalin) in the Classroom: What Dosage, for What Children, for What Problems?" 3:30 p.m., Minard 209

22 Chemistry—Andrew Sykes, University of South Dakota, will present a seminar at 3:45 p.m. in Dunbar 152

23 Festival Concert Series presents Mary Ellen Childs' CRASH, 8 p.m., Festival Concert Hall

23 Community pumpkin carving festival, 1-4 p.m., Art Building

24 Gold Star Marching Band concert, 2 p.m., Festival Concert Hall

25 Advising week begins for spring semester

27 Chemistry—Nancy Totah, University of Iowa, "The Dihydropyrone Diels-Alder Reaction: Development and Applications," 3:45 p.m., Dunbar 152

28 Chemistry—Robert Paine, University of New Mexico, will present a seminar at 3:45 p.m. in Dunbar 152

29 Psychology—Nancy Volgetanz, University of North Dakota, will present a lecture at 3:30 in Minard 209

November

Through Nov. 10 "Walter Piehl: Sweethearts, Roping Fools and Cowgirl Suite," Memorial Union Gallery; for information call 1-8239

1 Spring semester registration begins

3 Jazz Combos concert, 8 p.m., Beckwith Recital Hall

5 Psychology—Steve Wonderlich, Neuroscience-UND Medical School and Neuropsychiatric Research Institute, "Bulimia Nervosa: The Role of Personality and Child Abuse," 3:30 p.m., Minard 209

5 Heartland Brass Quintet concert, 7:30 p.m., Beckwith Recital Hall

11 Veteran's Day, administrative offices closed, no classes

12-13 Little Country Theatre presents "Oleanna," 8 p.m., Walsh Studio Theatre

18-20 Little Country Theatre presents "Oleanna," 8 p.m., Walsh Studio Theatre

19 Psychology—Ann Sandgren, Meritcare Medical Center, "Breast Cancer Telephone Therapy: A Novel Approach to Intervention," 3:30 p.m., Minard 209

25 Thanksgiving Day, administrative offices closed, no classes

26 Administrative offices open, no classes

29 Classes resume

December

- 2 Chemistry—Cecelia Giuliv, University of Minnesota-Duluth, "Nitric Oxide in Mitochondria," 3:45 p.m., Dunbar 152
- 3 Psychology—Jim Mitchell, Neuroscience-UND Medical School and Neuropsychiatric Research Institute, "Recent Research on the Treatment of Bulimia Nervosa," 3:30 p.m., Minard 209
- 3-5 Madrigal Dinners, 6:30 p.m., Festival Concert Hall, Grand Lobby
- 6 Tri-College Percussion Ensemble and Marimba Choir concert, 8 p.m., Festival Concert Hall
- 7 Jazz Ensemble and Jazz Lab Band concert, 8 p.m., Festival Concert Hall
- 8 Brass Ensemble and Gold Star Concert Band concert, 8 p.m., Festival Concert Hall
- 10 Annual Chili Feed and SAS Art Sale, 11:30 a.m.-1:30 p.m., Art Building
- 10 Annual Holiday Ceramic Sale, noon-6 p.m., Art Building
- 10 Psychology—Tricia Cook Myers, VA Medical Center, "Treatment of Gulf War Syndrome," 3:30 p.m., Minard 209
- 10 Last day of classes
- 12 Winter choral concert, 2 p.m., Festival Concert Hall
- 13-17 Final exams
- 20-Jan. 10 Winter recess, no classes

January

- 10 Orientation and registration for new and returning students
- 11 Classes begin
- 13 Chemistry—Scott Bohle, University of Wyoming, "Chloroquine and the Heme detoxification pathway in Malaria," 3:45 p.m., Dunbar 152
- 17 Martin Luther King Jr. holiday, administrative offices closed, no classes
- 18 Administrative offices open, classes resume
- 21 Festival Concert Series presents Brave New Workshop, 8 p.m., Festival Concert Hall

- 27 Chemistry—Keith Woerple, University of California-Irvine, will present a seminar at 3:45 p.m. in Dunbar 152

February

- 21 President's Day, administrative offices closed, no classes
- 22 Administrative offices open, classes resume
- 25-26 Little Country Theatre presents "The Crucible," 8 p.m., Askanase Auditorium
- 27 Little Country Theatre presents "The Crucible," 2 p.m., Askanase Auditorium

March

- 3-4 Little Country Theatre presents "The Crucible," 8 p.m., Askanase Auditorium
- 13-17 Spring break, no classes
- 21 Festival Concert Series presents Common Ground, 7 p.m., Festival Concert Hall
- 22 Classes resume
- 27 Advising week begins for fall 1999 semester

April

- 3 Fall registration begins
- 4 Chemistry—Kit Bowen, Johns Hopkins University, will present a seminar at 3:45 p.m. in Dunbar 152
- 13-15 Little Country Theatre presents "Sylvia," 8 p.m., Walsh Studio Theatre
- 16 Little Country Theatre presents "Sylvia," 2 p.m., Walsh Studio Theatre
- 21-24 Holiday/recess, no classes
- 29 Festival Concert Series presents Peter Ostroushko and Dean Magraw, 8 p.m., Festival Concert Hall

University Relations
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